

FILTER CALIBRATION AND APPLICATIONS THEREOF

ABSTRACT OF THE DISCLOSURE

5 A method for calibrating a filter begins with the filter filtering a first signal having a first frequency to produce a first filtered signal, wherein the first frequency is in a known pass region of the filter. The processing continues by measuring signal strength of the first filtered signal to produce a first measured signal strength. The processing continues with the filter filtering a second signal having a second frequency to produce a
10 second filtered signal, wherein the second frequency is at a desired corner frequency of the filter. The processing continues by measuring signal strength of the second filtered signal to produce a second measured signal strength. The processing continues by comparing the first measured signal strength with the second measured signal strength to determine whether the filter has attenuated the second signal by a desired attenuation
15 value with respect to the first signal. The processing continues by adjusting filter response of the filter to produce an adjusted filter response when the filter has not attenuated the second signal by the desired attenuation value with respect to the first signal.